



U.S. Application No. 09/603,658

**VERSION WITH MARKINGS TO SHOW CHANGES MADE**

**In the Claims:**

Please amend the claims as follows:

1. (Amended) A library of yeast expression vectors encoding a library of fusion proteins, each vector comprising:
  - a first nucleotide sequence encoding a first polypeptide subunit;
  - a second nucleotide sequence encoding a second polypeptide subunit; and
  - a linker sequence encoding a linker peptide that links the first nucleotide sequence and the second nucleotide sequence;wherein
  - the first polypeptide subunit, the second polypeptide subunit, and the linker polypeptide are expressed as a single fusion protein within the library of fusion proteins; [and]
  - the first and second nucleotide sequences each independently varies within the library of expression vectors; and
  - the diversity of the library of fusion proteins is at least  $1 \times 10^7$ .
7. (Amended) The library of claim 1, wherein the diversity of the fusion proteins encoded by the library of yeast expression vectors is at least [ $1 \times 10^6$ ]  $1 \times 10^8$ .
- 10 ~~13.~~ (Amended) The library of claim 1, wherein the library of fusion proteins encode a class of multimeric proteins and the first and the second polypeptide subunits are subunits of a multimeric protein in the class [whose sequence varies within a library of multimeric proteins].
- 20 ~~25.~~ (Amended) The library of claim 1, wherein the linker sequences in the library of expression vectors comprise a nucleotide sequence encoding an amino acid sequence of Gly-Gly-Gly-Gly-Ser [SEQ ID NO: 76] in 3 or 4 tandem repeats.
- 23 ~~35.~~ (Amended) A library of transformed yeast cells, comprising: yeast cells transformed with a library of yeast expression vectors, each vector comprising
  - a first nucleotide sequence encoding a first polypeptide subunit;
  - a second nucleotide sequence encoding a second polypeptide subunit; and
  - a linker sequence encoding a linker peptide that links the first nucleotide sequence and

the second nucleotide sequence;

wherein

the first polypeptide subunit, the second polypeptide subunit, and the linker polypeptide are expressed as a single fusion protein; [and]

the first and second nucleotide sequences each independently varies within the library of yeast expression vectors; and

the diversity of the fusion protein expressed by the library of yeast expression vector is at least  $1 \times 10^7$ .